

General Environmental Incident Summary

Incident: 3552 **Date/Time Notice:** 11/14/2014 1420 **DEM Incident No:**

Responsible Party: City of Bismarck

Date Incident: 11/13/2014 **Time Incident:** 0900 **Duration:**

County: Burleigh **Twp:** 139 **Rng:** 80 **Sec:** 34 **Qtr:**

Lat: 46.81480 **Long:** -100.75890 **Method:** Interpolation from map

Location Description: City of Bismarck Hillside pump station located at 2220 East Avenue F
The mercury is contained in the valve vault structure approximately 70 feet to the southwest of the pump station.

Submitted By: Bill Gefroh

Affiliation:

Address: PO Box 5503

City: Bismarck

State: ND

Zip: 58506

Received By:

Contact Person: Keith Demke
601 South 26th St.
Bismarck, ND 58506

Distance Nearest Occupied Building: 120 Feet

Release Contained: Yes

Type of Incident: Contained in valve vault structure

Description of Released Contaminant: The mercury found has not been released to the environment.

Volume Spilled:

Ag Related: No

EPA Extremely Hazardous Substance: Unknown

Reported to NRC: No

Cause of Incident:

The exact cause is unknown. However it is suspect that the mercury may have been from an old flow meter that was in the valve vault. The flow meter was removed a long time ago, prior to the current activities, where contractors are replacing the valves in the below ground structure.

Risk Evaluation:

Probably none, the air in the valve vault is being continuously replaced by a mechanical device. Personal protective boots and gloves are used.

of Fatalities: 0

of Injuries: 0

Affected Medium: 09 - other

Potential Environmental Impacts:

Potentially very small, all of the visible mercury will be recovered and recycled.

Action Taken or Planned:

Mercury on the floor in the valve vault is being pooled and then removed using a wash bottle for aspiration and then it is transferred into a plastic bottle. The floor will be swept with water into a floor sump. The water, mud and debris in the small sump will be removed with the mercury. Water and any mud will be decanted from the mercury. This will be done in an area/wash basin that will contain any spillage of mercury that will be recovered.

Wastes Disposal Location: This may likely take place at the City of Bismarck Landfill, Household

Hazardous Waste recycling building.

Agencies Involved: State Health Department – Waste Management program

Updates

Date: 11/14/2014 **Status:** Reviewed - Assigned to NDDoH Division **Author:** Stockdill, Scott

Updated Volume:

Notes:

The responsible party has already been in contact with NDDoH Division of Waste Management. Incident forwarded to Division of Waste Management.

Date: 12/3/2014 **Status:** Reviewed - No Action Required **Author:** Erickson, Curt

Updated Volume:

Notes:

All remediation activities were completed the week of Nov. 17, 2014. All visible mercury was collected, and sand/soil from the valve box was removed. All wastes were managed by the City of Bismarck.